Docket No.: 1242.1031-003 Title: Expression Cloning Using a Tagged... Inventors: Leonard I. Zon et al. Prepare tagged cDNA expression library Obtain bacterial clones of tagged cDNA constructs Array clones Pool predetermined number of clones and Isolate plasmid DNA from pools of clones (miniprep) Transfect mammalian cells Allow expression of tagged polypeptides Assay for a biochemical activity of interest using isolation or detection via the tag Select pools for Sib Selection Repeat until a single cDNA construct having the biochemical activity of interest is obtained

Figure 1

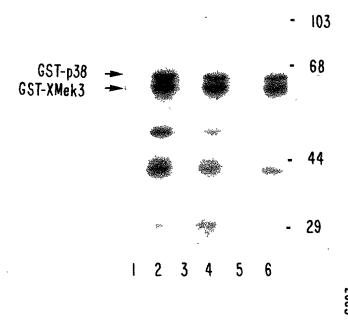
Docket No.: 1242.1031-003

Title: Expression Cloning Using a Tagged...

Inventors: Leonard I. Zon et al.

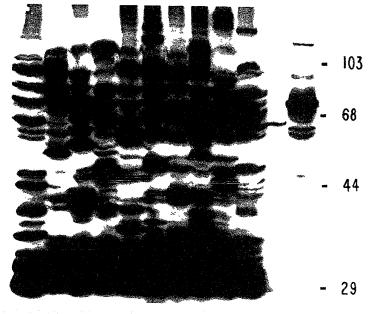
pEBG-p38
Representation 1:100 1:200 1:400
GST-XMek3 - + - + - +

FIG. 2



Pool# 1 2 3 4 5 6 7 8 9 10 - E

FIG. 3

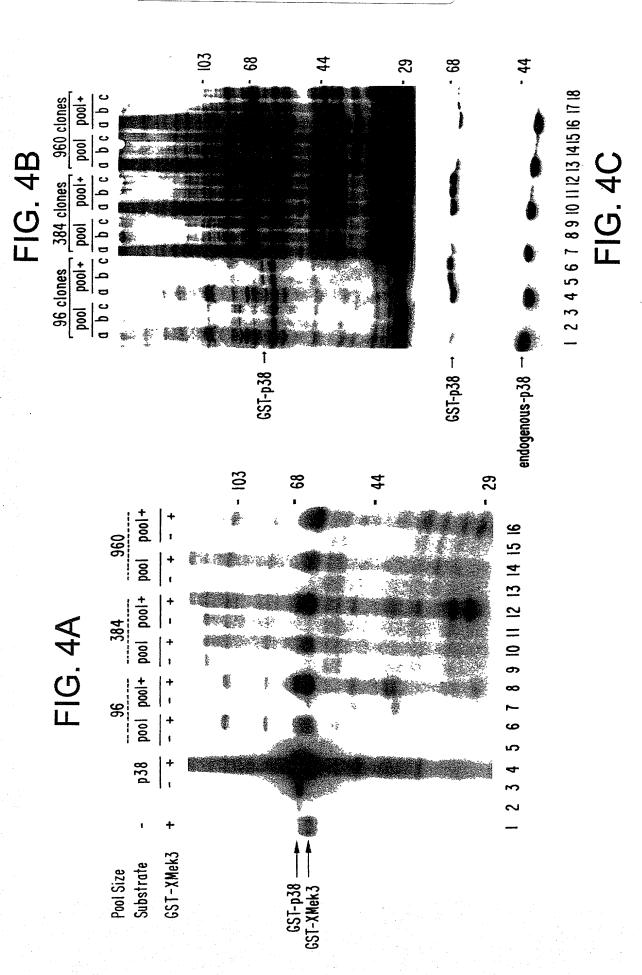


1 2 3 4 5 6 7 8 9 10 11 12

Docket No.: 1242.1031-003

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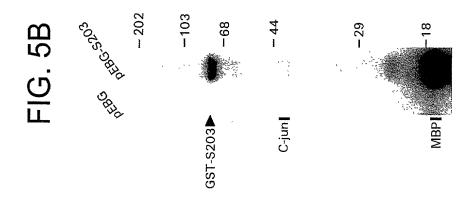
Inventors: Leonard I. Zon *et al*.

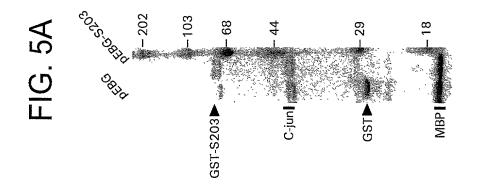


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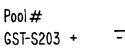




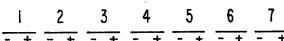
Title: Expression Cloning Using a Tagged...

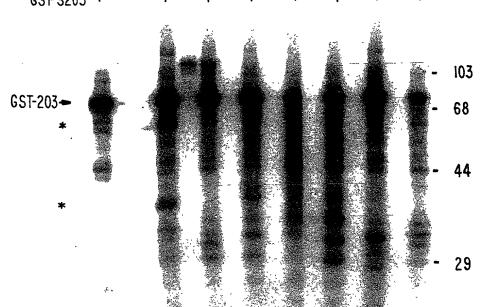
Inventors: Leonard I. Zon et al.

FIG. 6A



TOPSINGE DITOR





1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

FIG. 6B

Pool 1 Subpool A Subpool B Subpool C

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